

SEQUENCE LISTING

<110> CUNNINGHAM, Melissa M.
 STULL, Paul D.
 WEISBURG, William G.

<120> COMPOSITIONS, METHODS AND KITS FOR DETERMINING THE PRESENCE OF CRYPTOSPORIDIUM ORGANISMS IN A TEST SAMPLE

<130> GP116-02.UT

<140> To be assigned
 <141> 2001-09-11

<150> US 60/232,028
 <151> 2000-09-12

<160> 69

<170> PatentIn version 3.1

<210> 1
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 1
 ctatcagctt tagacggtag gg 22

<210> 2
 <211> 22
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 2
 cuaucagcuu uagacggguag gg 22

<210> 3
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 3
 ccctaccgtc taaagctgat ag 22

<210> 4
 <211> 22
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 4
 ccuaccguc uaaagcugau ag 22

<210> 5
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 5
 gcgaaaaaac tcgactttat ggaaggg

27

<210> 6
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 6
 aactcgactt tatggaaggg

20

<210> 7
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 7
 aaaactcgac tttatggaag ggttg

25

<210> 8
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 8
 gttaaagaca aactaatgcg aaagc

25

<210> 9
 <211> 27
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 9
 gcgaaaaaac ucgacuuuau ggaaggg

27

<210> 10
 <211> 20
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

 <400> 10
 aacucgacuu uauggaaggg 20

 <210> 11
 <211> 25
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 11
 aaaacucgac uuuauggaag gguug 25

 <210> 12
 <211> 25
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 12
 guuaaagaca aacuaaugcg aaagc 25

 <210> 13
 <211> 27
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 13
 cccttcata aagtcgagtt ttttcgc 27

 <210> 14
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 14
 cccttcata aagtcgagtt 20

 <210> 15
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 15
 caacccttcc ataaagtcga gtttt 25

<210> 16
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 16
 gctttcgcat tagtttgtct ttaac

25

<210> 17
 <211> 27
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 17
 cccuuccaau aagucgaguu uuuucgc

27

<210> 18
 <211> 20
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 18
 cccuuccaau aagucgaguu

20

<210> 19
 <211> 25
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 19
 caacccuucc auaaagucga guuuu

25

<210> 20
 <211> 25
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 20
 gcuuucgcau uaguuugucu uuaac

25

<210> 21
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 21
 gacatatcat tcaagtttct gac 23

<210> 22
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 22
 ttggcctacc gtggcaatga cggg 24

<210> 23
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 23
 gacauaucu ucaaguuucu gac 23

<210> 24
 <211> 24
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 24
 uuggccuacc guggcaauga cggg 24

<210> 25
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 25
 gtcagaaact tgaatgatat gtc 23

<210> 26
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 26
 cccgtcattg ccacggtagg ccaa 24

<210> 27
 <211> 23

<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 27
gucagaaacu ugaaugauau guc 23

<210> 28
<211> 24
<212> RNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 28
cccgucuuug ccacgguagg ccaa 24

<210> 29
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 29
ggataaccgt ggtaattcta gagctaatac at 32

<210> 30
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 30
ccgtggtaat tctagagcta atacat 26

<210> 31
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 31
ttgtatttat tagataaaga acc 23

<210> 32
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Synthetic Construct

<400> 32

ttgtatttat tagataaaga accaatata 29

<210> 33
 <211> 32
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 33
 ggauaaccgu gguaauucua gagcuaauac au 32

<210> 34
 <211> 26
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 34
 ccgugguaau ucuagagcua auacau 26

<210> 35
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 35
 uuguauuuau uagauaaaga acc 23

<210> 36
 <211> 29
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 36
 uuguauuuau uagauaaaga accauaua 29

<210> 37
 <211> 32
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 37
 atgtattagc tctagaatta ccacggttat cc 32

<210> 38
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 38
 atgtattagc tctagaatta ccacgg 26

<210> 39
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 39
 gggtctttat ctaataaata caa 23

<210> 40
 <211> 29
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 40
 tatattgggtt ctttatctaa taaatacaa 29

<210> 41
 <211> 32
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 41
 auguauuagc ucuagaauua ccacgguuau cc 32

<210> 42
 <211> 26
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 42
 auguauuagc ucuagaauua ccacgg 26

<210> 43
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct
 <400> 43
 gguucuuuau cuaauaaaua caa 23

<210> 44
 <211> 29
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 44
 uauauugguu cuuuaucuaa uaaauacaa

29

<210> 45
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 45
 gccatgcatg tctaagtata aac

23

<210> 46
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 46
 ggataaccgt ggtaattcta gag

23

<210> 47
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 47
 ggtgactcat aataacttta cgg

23

<210> 48
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 48
 ctaccacatc taaggaaggc ag

22

<210> 49
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Synthetic Construct
 <400> 49
 gtattttaaca gtcagaggtg 20

 <210> 50
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 50
 gccaaagatg ttttcattaa tc 22

 <210> 51
 <211> 23
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 51
 gccaugcaug ucuuaguaua aac 23

 <210> 52
 <211> 23
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 52
 ggauaaccgu gguaauucua gag 23

 <210> 53
 <211> 23
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 53
 ggugacucau aaauacuuaa cgg 23

 <210> 54
 <211> 22
 <212> RNA
 <213> Artificial Sequence

 <220>
 <223> Synthetic Construct

 <400> 54
 cuaccacauc uaaggaaggc ag 22

 <210> 55

<211> 20
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 55
 guauuuuaca gucagaggug 20

<210> 56
 <211> 22
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 56
 gccaaaggaug uuuucauuuaa uc 22

<210> 57
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 57
 gtttatactt agacatgcat ggc 23

<210> 58
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 58
 ctctagaatt accacgggta tcc 23

<210> 59
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 59
 ccgtaaagtt attatgagtc acc 23

<210> 60
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 60
 ctgccttcct tagatgtggt ag 22

<210> 61
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 61
 cacctctgac tgttaaatac 20

<210> 62
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 62
 gattaatgaa aacatccttg gc 22

<210> 63
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 63
 guuuauacuu agacaugcau ggc 23

<210> 64
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 64
 cucuagaauu accacgguua ucc 23

<210> 65
 <211> 23
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 65
 ccguaaaguu auuaugaguc acc 23

<210> 66
 <211> 22
 <212> RNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 66

cugccuuccu uagauguggu ag

22

<210> 67

<211> 20

<212> RNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 67

caccucugac uguuaaaauac

20

<210> 68

<211> 22

<212> RNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 68

gauuaaugaa aacauccuug gc

22

<210> 69

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthetic Construct (T7 Promoter)

<400> 69

aatttaatac gactcactat agggaga

27